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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

INVENTOR(S)

Junchen Du

CASE

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TITLE

Cascaded Biquad Infinite Impulse Response Filter g:____

"Express Mail" Label No. <u>EFOC682052545</u> S I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: January 22, 2001

Signature: Sudge Ryan

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

SIR:

Enclosed are the following papers relating to the above-named application for patent:

Specification

- 9 Sheets of informal drawing(s)
- 1 Assignment with Cover Sheet

Declaration and Power of Attorney

| CLAIMS AS FILED | | | | |
|---|-----------|-----------|------------|--------------|
| | NO. FILED | NO. EXTRA | RATE | CALCULATIONS |
| Total Claims | 20-20 = | 0 | x \$18 = | \$0 |
| Independent Claims | 3-3 = | 0 | x \$80 = | \$0 |
| Multiple Dependent Claim(s), if applicable | | | \$270 = | \$0 |
| Basic Fee | | | | \$710 |
| | | | TOTAL FEE: | \$710 |

Please file the application and charge Lucent Technologies Deposit Account No. 12-2325 the amount of \$710, to cover the filing fee. Duplicate copies of this letter are enclosed. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit Deposit Account No. 12-2325 as required to correct the error.

Please address all correspondence to: Ryan, Mason & Lewis, LLP, 90 Forest Avenue, Locust Valley, New York 11560. Telephone calls should be made to the under-signed attorney at (516) 759-2946.

Respectfully,

William E. Lewis Reg. No. 39,274

Attorney for Applicant(s)

Date: January 22, 2001 Ryan, Mason & Lewis, LLP

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